

Data Path : Z:\HPCHEM1\BNA_E\Data\BE120914\
 Data File : BE089189.D
 Acq On : 9 Dec 2014 14:39
 Operator : TP/JJ
 Sample : SSTDCCC001
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC001

Quant Time: Dec 09 15:35:35 2014
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SIM-ACID-BE120814.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 09 08:57:21 2014
 Response via : Initial Calibration

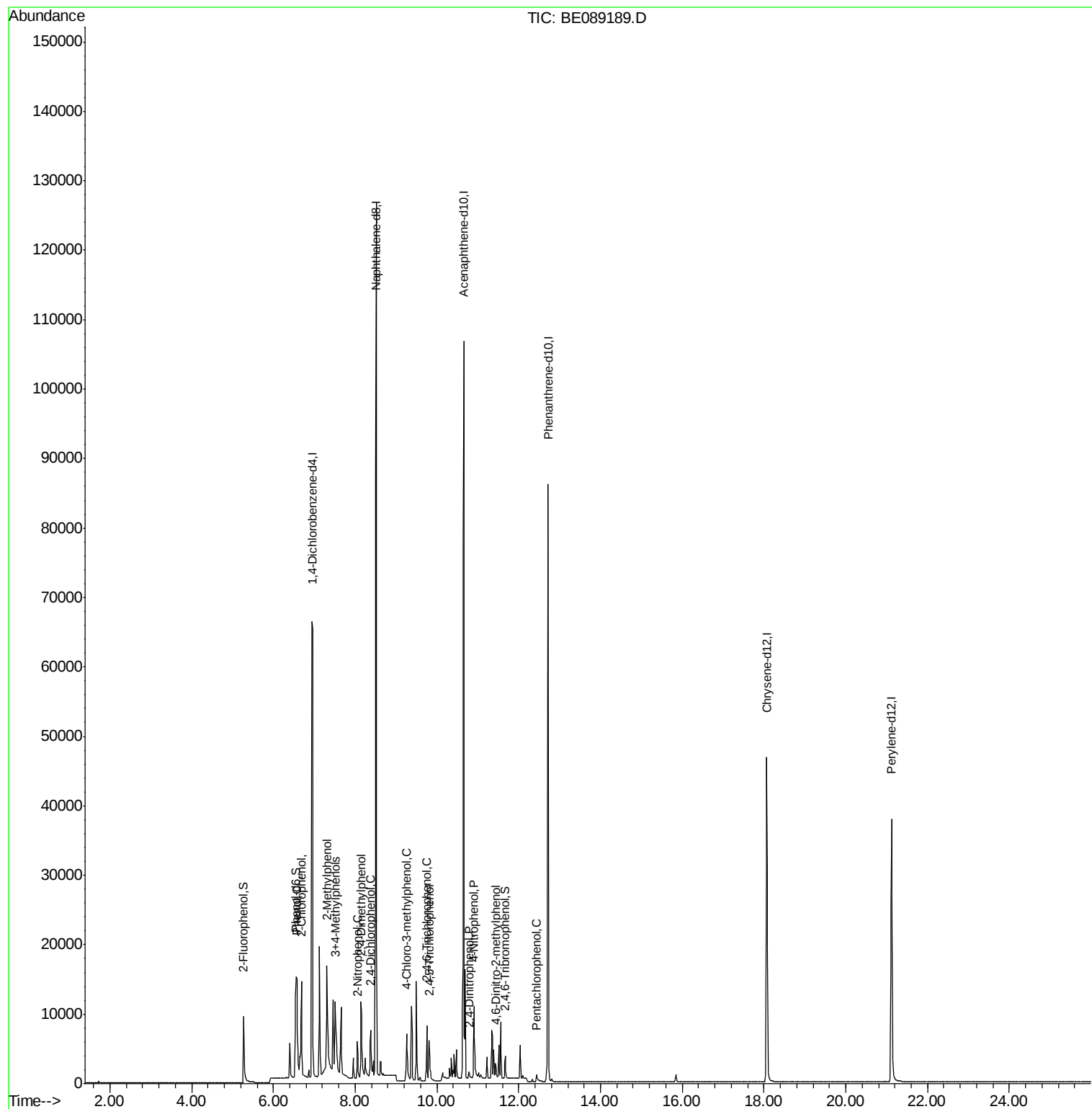
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	31118	5.00	ng	0.00
8) Naphthalene-d8	8.51	136	122620	5.00	ng	0.00
13) Acenaphthene-d10	10.66	164	59522	5.00	ng	0.00
19) Phenanthrene-d10	12.72	188	86095	5.00	ng	0.00
22) Chrysene-d12	18.07	240	60401	5.00	ng	0.00
23) Perylene-d12	21.12	264	54209	5.00	ng	0.00
System Monitoring Compounds						
2) 2-Fluorophenol	5.27	112	8682	1.09	ng	0.00
3) Phenol-d6	6.56	99	11285	1.07	ng	0.00
14) 2,4,6-Tribromophenol	11.67	330	1996	1.02	ng	0.00
Target Compounds						Qvalue
4) 2-Chlorophenol	6.69	128	9183	1.05	ng	92
5) Phenol	6.57	94	13557	1.08	ng	88
6) 2-Methylphenol	7.31	107	10366	1.03	ng	# 76
7) 3+4-Methylphenols	7.52	107	9391	1.10	ng	# 88
9) 2-Nitrophenol	8.05	139	4492	1.04	ng	# 51
10) 2,4-Dimethylphenol	8.14	122	7758	1.02	ng	# 67
11) 2,4-Dichlorophenol	8.38	162	6634	0.99	ng	95
12) 4-Chloro-3-methylphenol	9.25	107	7041	1.01	ng	# 90
15) 2,4,6-Trichlorophenol	9.75	196	4050	1.01	ng	# 43
16) 2,4,5-Trichlorophenol	9.81	196	4673	1.03	ng	# 73
17) 2,4-Dinitrophenol	10.78	184	965	0.90	ng	# 83
18) 4-Nitrophenol	10.91	139	9869	1.08	ng	# 28
20) 4,6-Dinitro-2-methylphenol	11.45	198	1509	0.94	ng	93
21) Pentachlorophenol	12.44	266	1272	0.96	ng	99

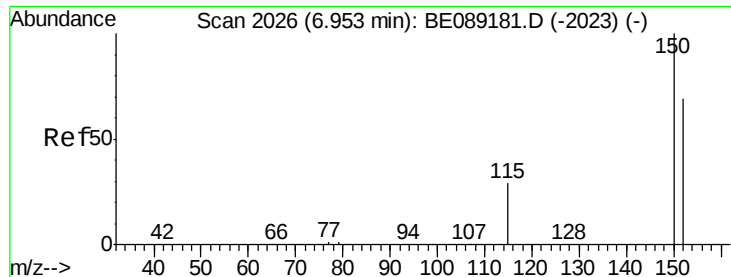
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 6.95 min Scan# 2026

Delta R.T. 0.00 min

Lab File: BE089189.D

Acq: 9 Dec 2014 14:39

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001

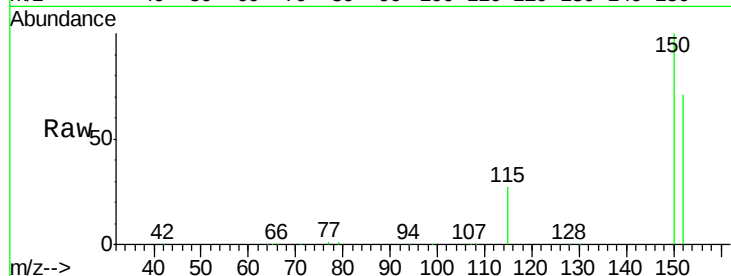
Tgt Ion:152 Resp: 31118

Ion Ratio Lower Upper

152 100

150 141.0 125.5 188.3

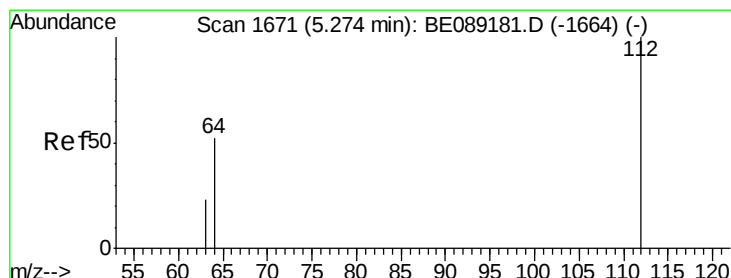
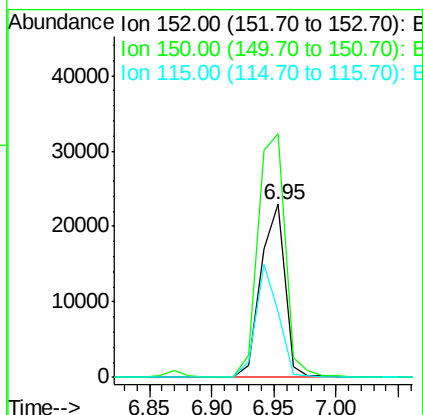
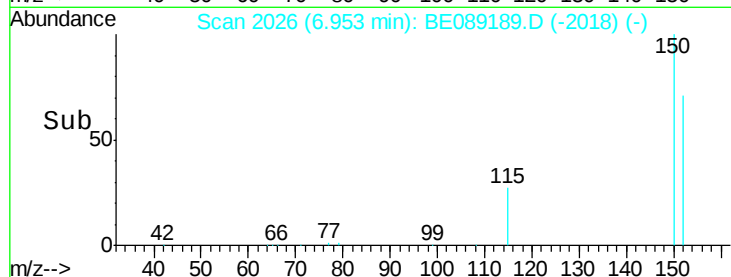
115 38.0 43.1 64.7#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

2-Fluorophenol

Concen: 1.09 ng

RT: 5.27 min Scan# 1670

Delta R.T. 0.01 min

Lab File: BE089189.D

Acq: 9 Dec 2014 14:39

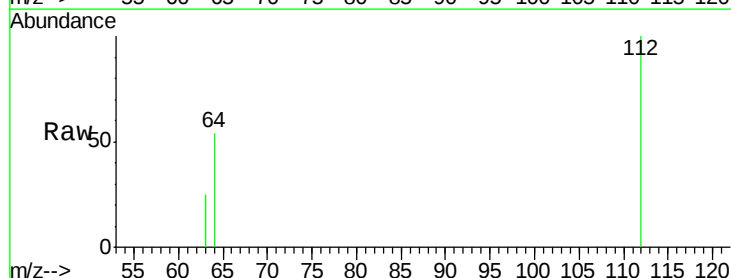
Tgt Ion:112 Resp: 8682

Ion Ratio Lower Upper

112 100

64 53.7 43.2 64.8

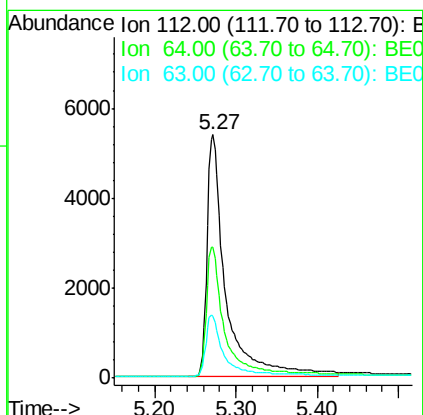
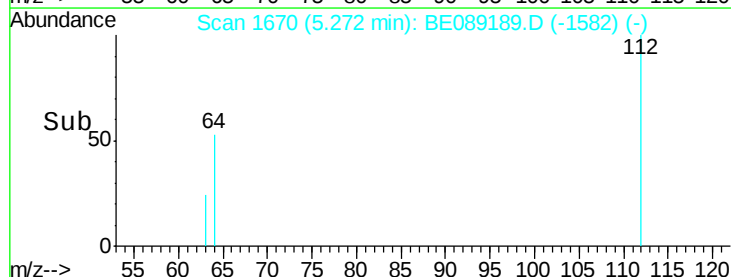
63 25.2 19.8 29.6

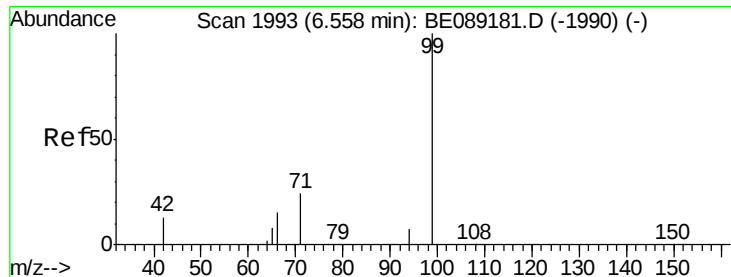


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#3

Phenol-d6

Concen: 1.07 ng

RT: 6.56 min Scan# 1993

Delta R.T. 0.00 min

Lab File: BE089189.D

Acq: 9 Dec 2014 14:39

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001

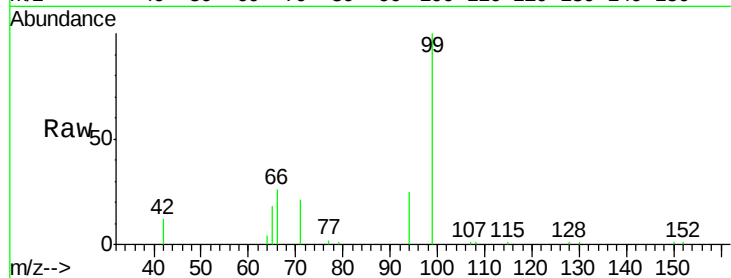
Tgt Ion: 99 Resp: 11285

Ion Ratio Lower Upper

99 100

42 11.8 4.4 6.6#

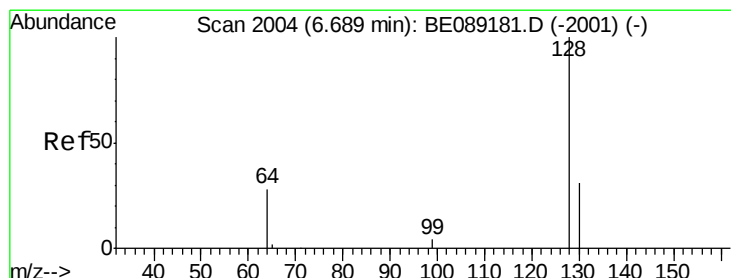
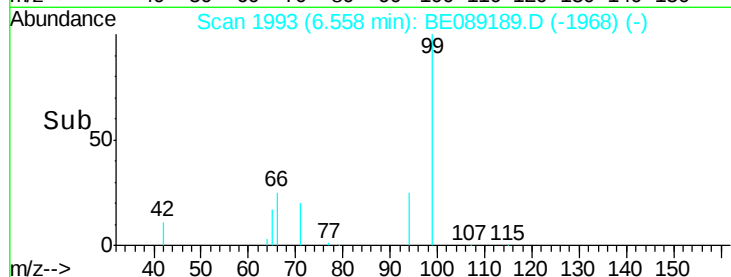
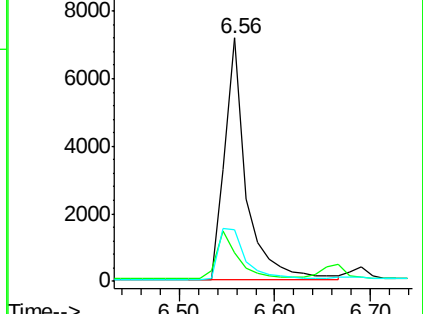
71 21.0 11.0 16.6#



Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0



#4

2-Chlorophenol

Concen: 1.05 ng

RT: 6.69 min Scan# 2004

Delta R.T. 0.00 min

Lab File: BE089189.D

Acq: 9 Dec 2014 14:39

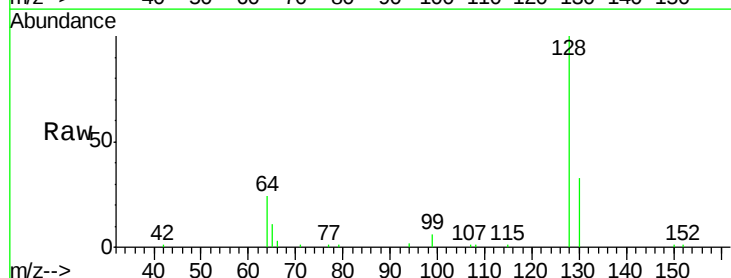
Tgt Ion: 128 Resp: 9183

Ion Ratio Lower Upper

128 100

130 32.9 9.8 49.8

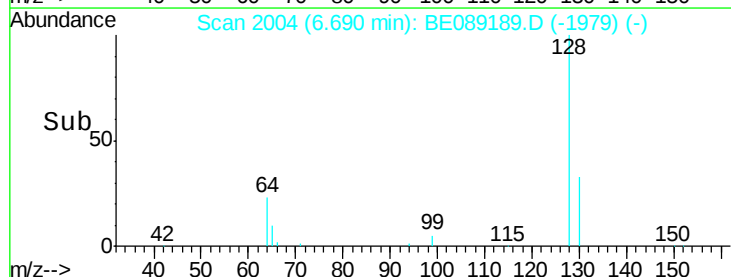
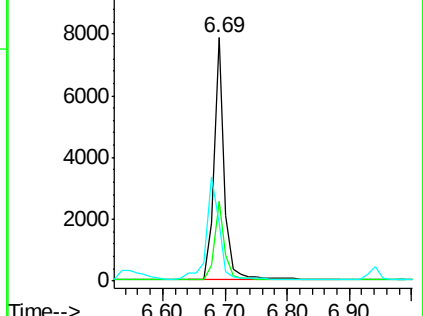
64 23.6 8.8 48.8

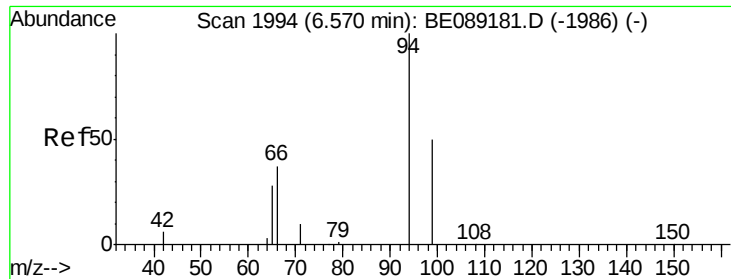


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BE0





#5

Phenol

Concen: 1.08 ng

RT: 6.57 min Scan# 1994

Delta R.T. 0.00 min

Lab File: BE089189.D

Acq: 9 Dec 2014 14:39

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001

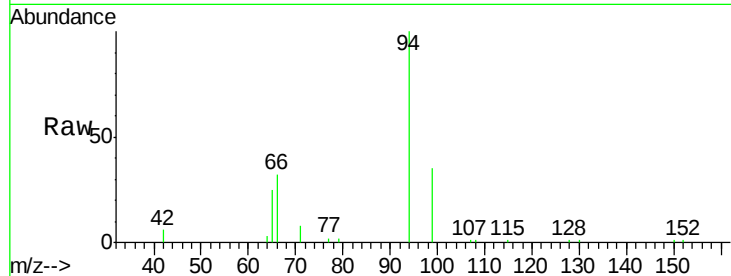
Tgt Ion: 94 Resp: 13557

Ion Ratio Lower Upper

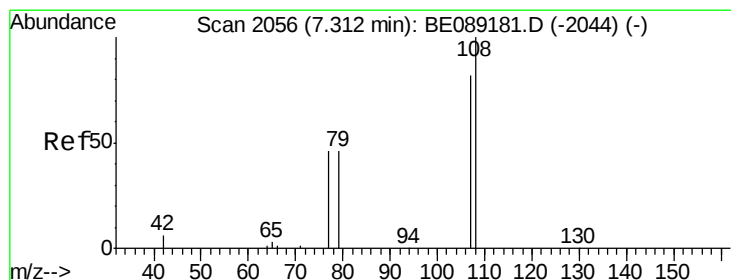
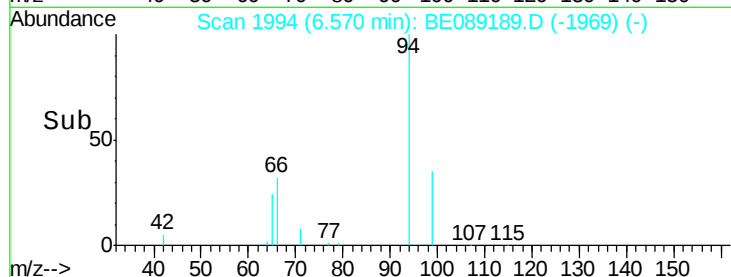
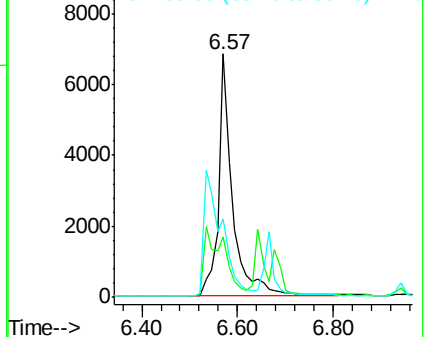
94 100

65 24.7 0.0 39.0

66 32.3 6.2 46.2



Abundance Ion 94.00 (93.70 to 94.70): BE0
Ion 65.00 (64.70 to 65.70): BE0
Ion 66.00 (65.70 to 66.70): BE0



#6

2-Methylphenol

Concen: 1.03 ng

RT: 7.31 min Scan# 2056

Delta R.T. 0.00 min

Lab File: BE089189.D

Acq: 9 Dec 2014 14:39

Tgt Ion: 107 Resp: 10366

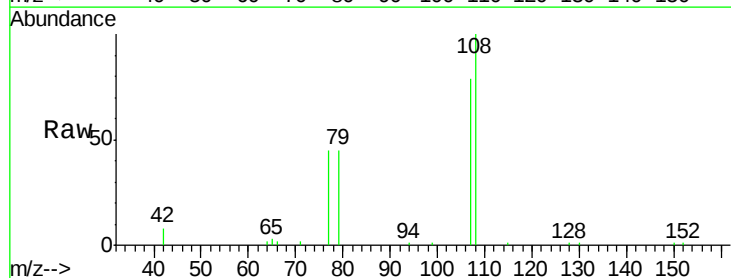
Ion Ratio Lower Upper

107 100

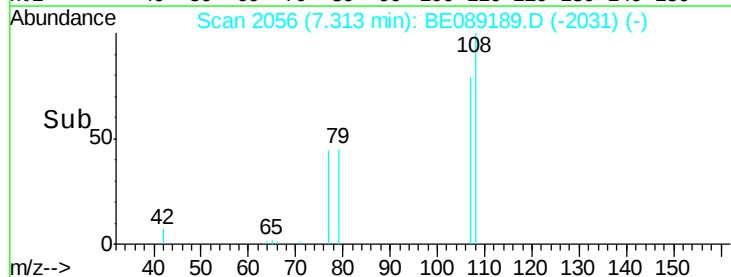
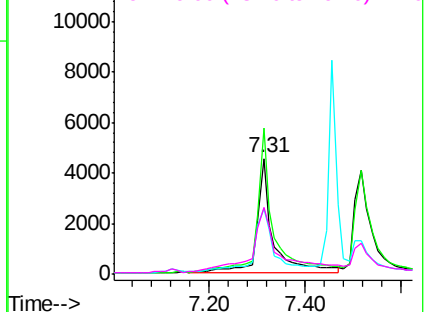
108 126.7 86.8 130.2

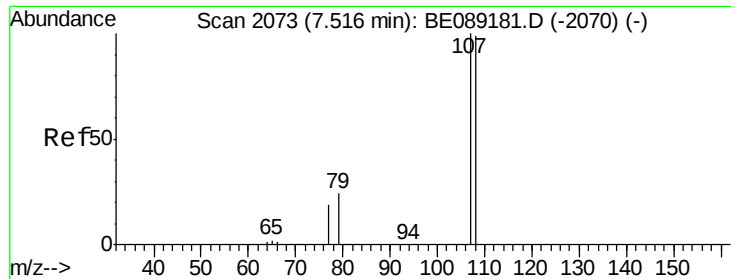
77 56.9 37.1 55.7#

79 57.6 9.0 13.4#



Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BE0
Ion 79.00 (78.70 to 79.70): BE0





#7

3+4-Methylphenols

Concen: 1.10 ng

RT: 7.52 min Scan# 2073

Delta R.T. 0.01 min

Lab File: BE089189.D

Acq: 9 Dec 2014 14:39

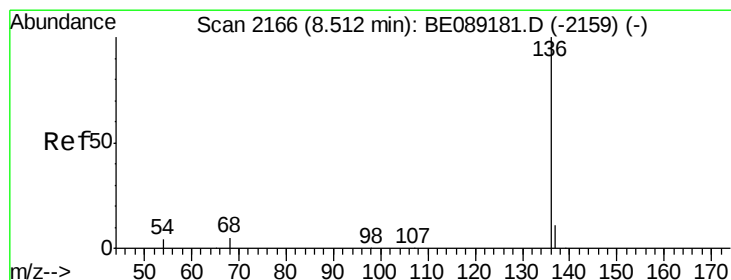
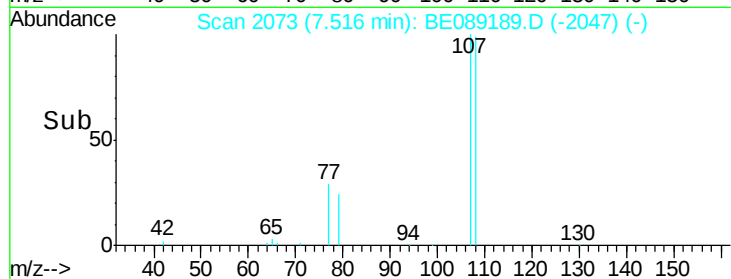
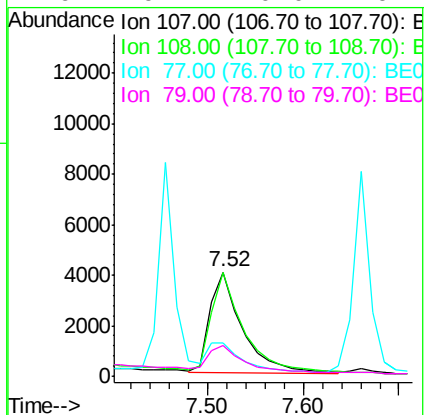
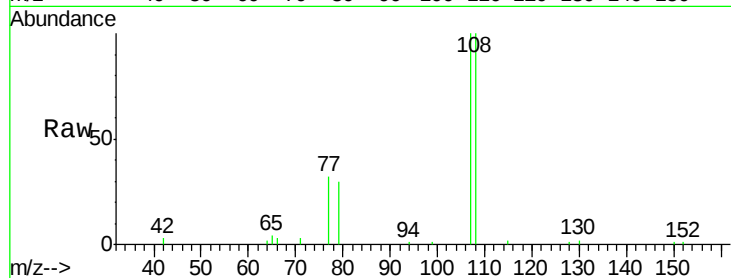
Instrument :

BNA_E

ClientSampleId :

SSTDCCC001

Tgt Ion:	107	Resp:	9391
Ion	Ratio	Lower	Upper
107	100		
108	100.0	69.0	109.0
77	32.0	13.4	53.4
79	29.7	0.0	26.4#



#8

Naphthalene-d8

Concen: 5.00 ng

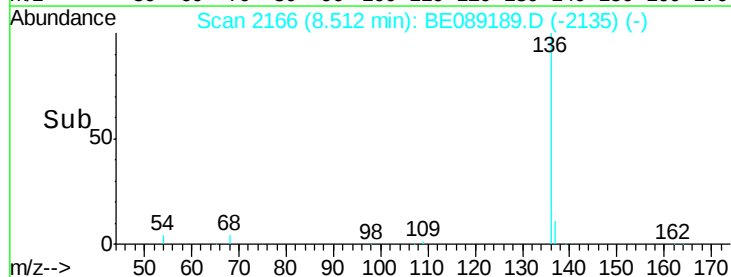
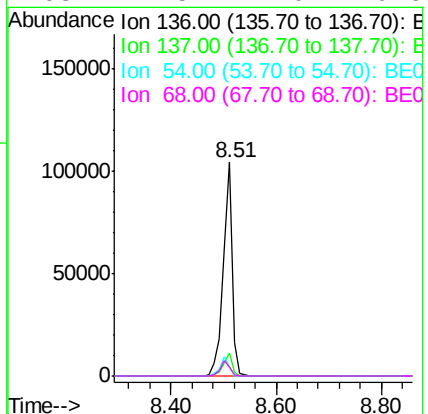
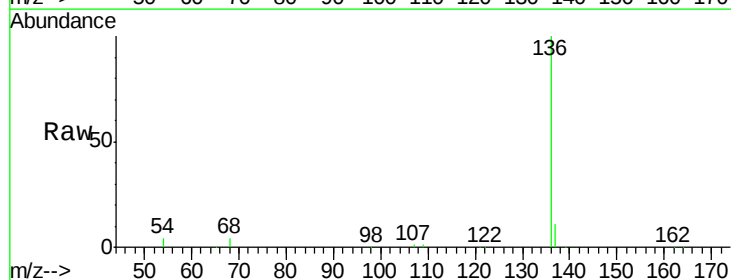
RT: 8.51 min Scan# 2166

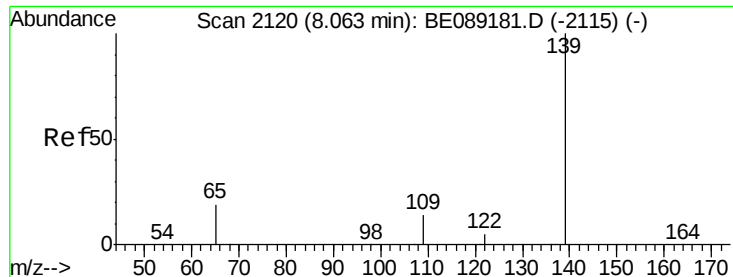
Delta R.T. -0.00 min

Lab File: BE089189.D

Acq: 9 Dec 2014 14:39

Tgt Ion:	136	Resp:	122620
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.5	12.7
54	4.0	7.2	10.8#
68	4.5	7.0	10.6#





#9

2-Nitrophenol

Concen: 1.04 ng

RT: 8.05 min Scan# 2119

Delta R.T. -0.01 min

Lab File: BE089189.D

Acq: 9 Dec 2014 14:39

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001

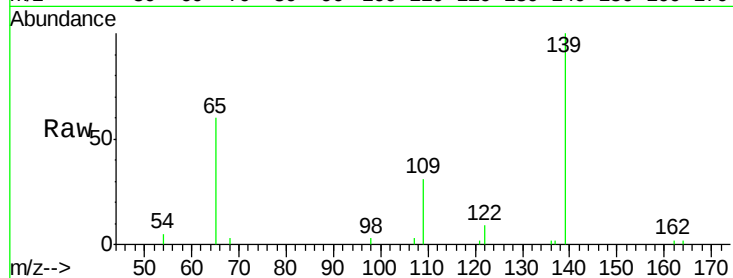
Tgt Ion:139 Resp: 4492

Ion Ratio Lower Upper

139 100

109 31.0 15.3 22.9#

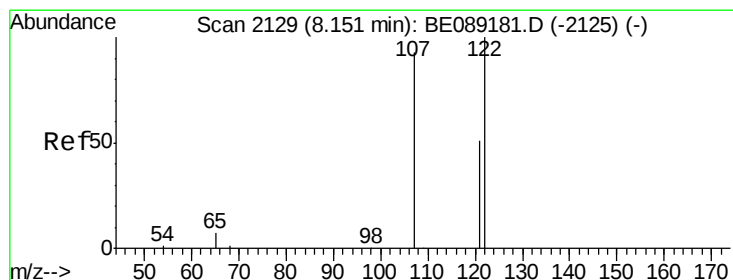
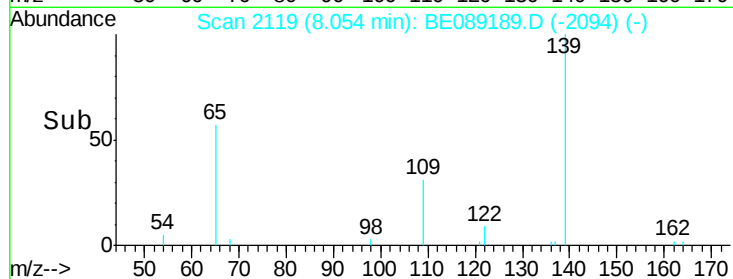
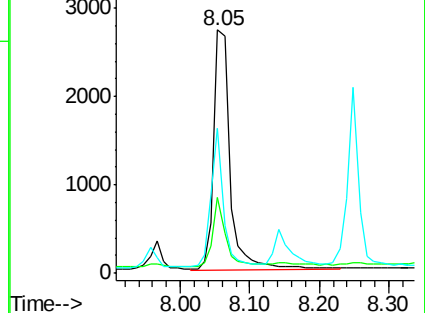
65 59.7 21.2 31.8#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): E



#10

2,4-Dimethylphenol

Concen: 1.02 ng

RT: 8.14 min Scan# 2128

Delta R.T. -0.00 min

Lab File: BE089189.D

Acq: 9 Dec 2014 14:39

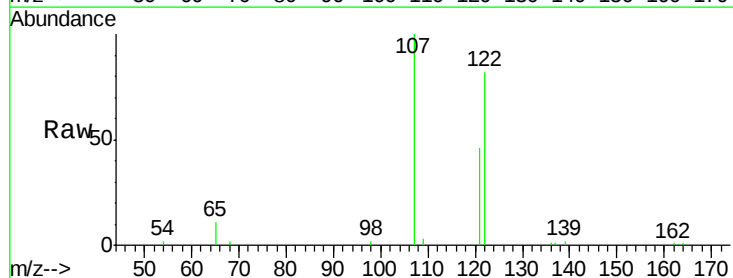
Tgt Ion:122 Resp: 7758

Ion Ratio Lower Upper

122 100

107 122.1 64.3 96.5#

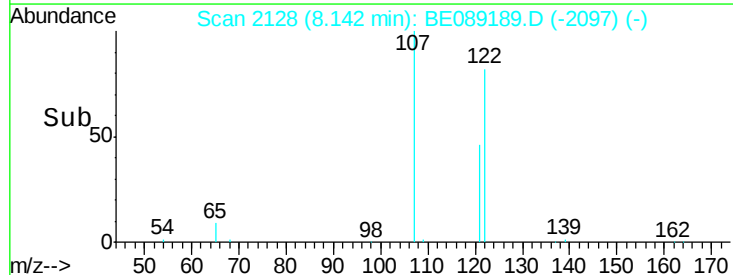
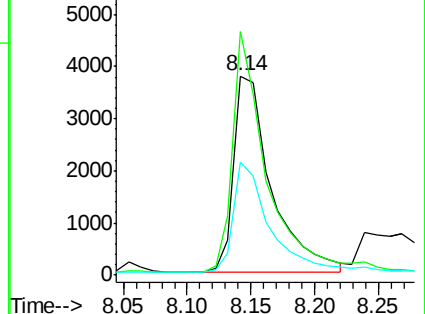
121 56.7 39.5 59.3

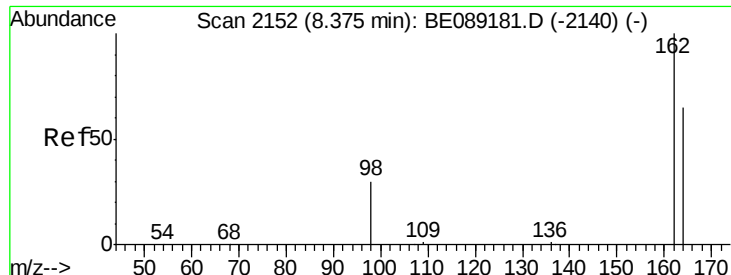


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E

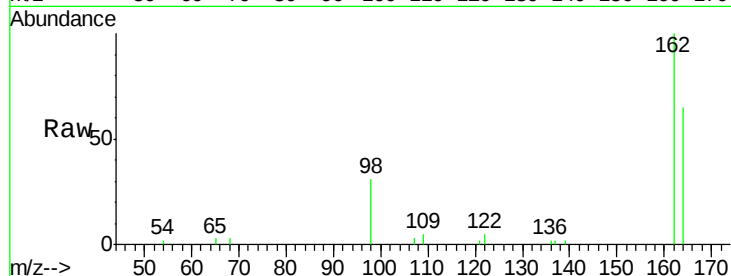




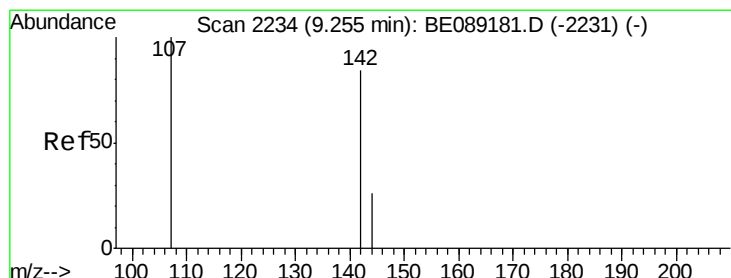
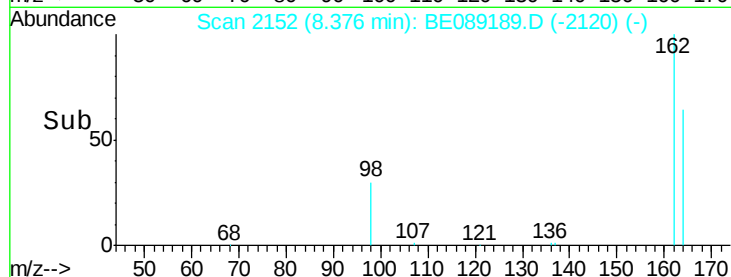
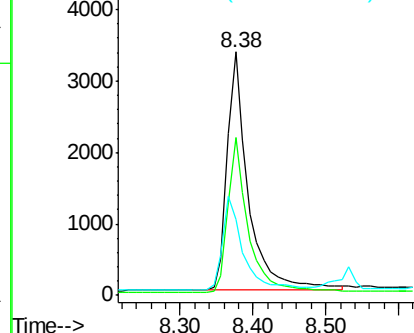
#11
 2,4-Dichlorophenol
 Concen: 0.99 ng
 RT: 8.38 min Scan# 2152
 Delta R.T. 0.01 min
 Lab File: BE089189.D
 Acq: 9 Dec 2014 14:39

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC001

Tgt Ion:162 Resp: 6634
 Ion Ratio Lower Upper
 162 100
 164 64.6 42.5 82.5
 98 31.1 6.0 46.0

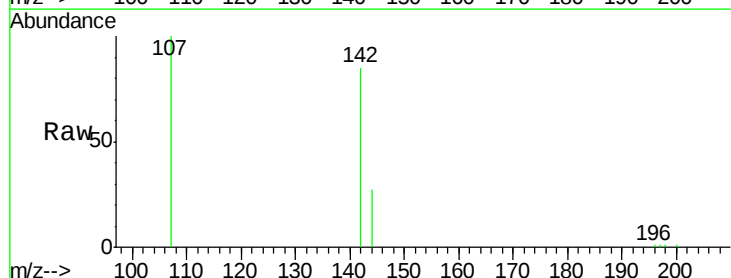


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): E

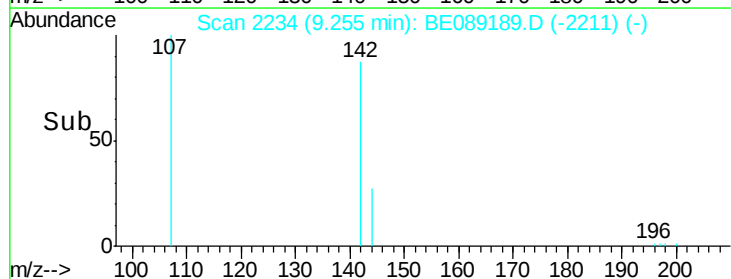
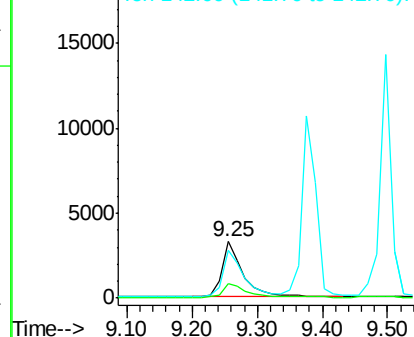


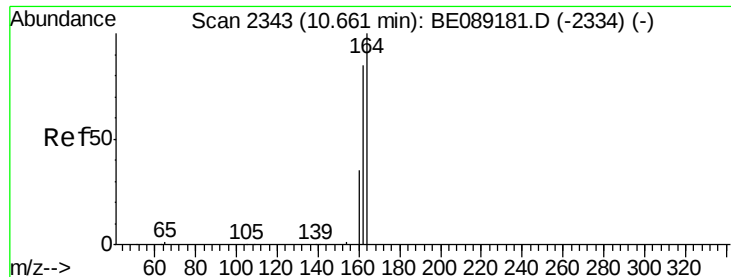
#12
 4-Chloro-3-methylphenol
 Concen: 1.01 ng
 RT: 9.25 min Scan# 2234
 Delta R.T. -0.00 min
 Lab File: BE089189.D
 Acq: 9 Dec 2014 14:39

Tgt Ion:107 Resp: 7041
 Ion Ratio Lower Upper
 107 100
 144 26.6 16.2 24.4#
 142 84.5 61.4 92.0



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E





#13

Acenaphthene-d10

Concen: 5.00 ng

RT: 10.66 min Scan# 2343

Delta R.T. -0.00 min

Lab File: BE089189.D

Acq: 9 Dec 2014 14:39

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001

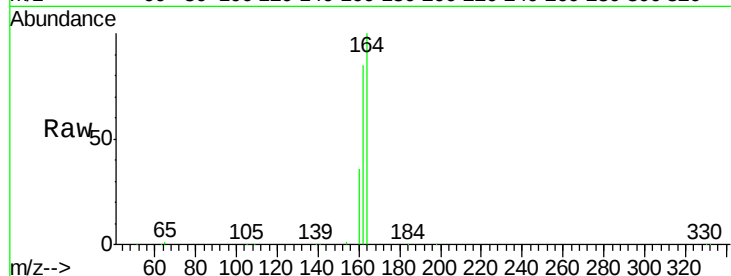
Tgt Ion:164 Resp: 59522

Ion Ratio Lower Upper

164 100

162 84.6 65.4 98.2

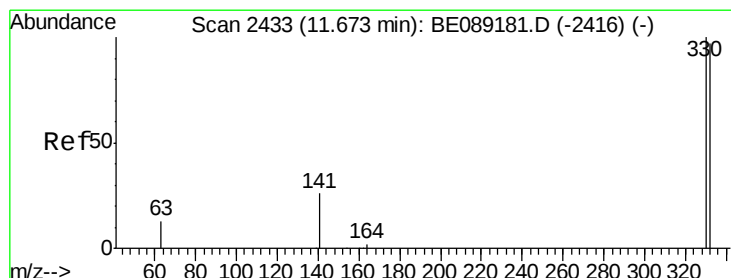
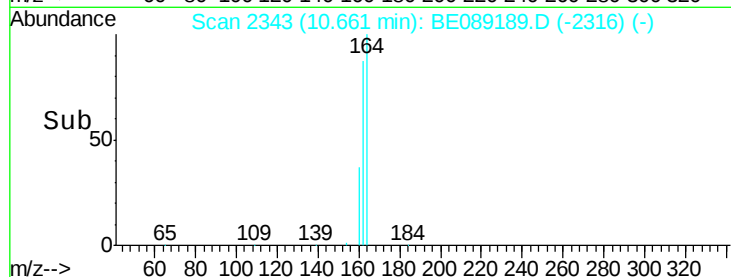
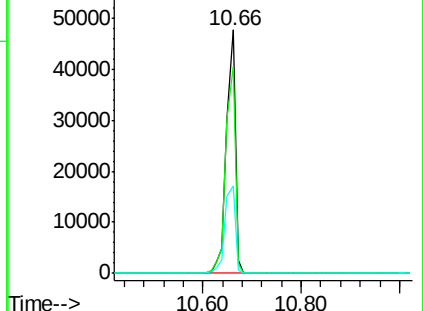
160 35.8 26.2 39.4



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#14

2,4,6-Tribromophenol

Concen: 1.02 ng

RT: 11.67 min Scan# 2433

Delta R.T. -0.00 min

Lab File: BE089189.D

Acq: 9 Dec 2014 14:39

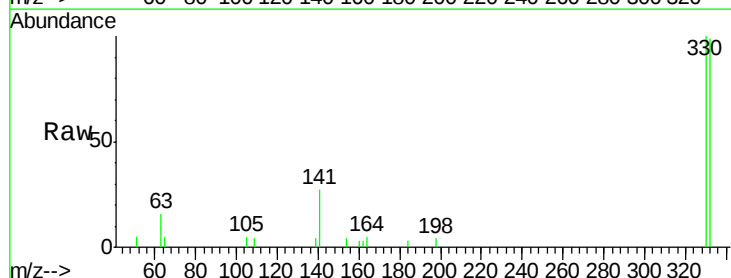
Tgt Ion:330 Resp: 1996

Ion Ratio Lower Upper

330 100

332 96.8 77.6 116.4

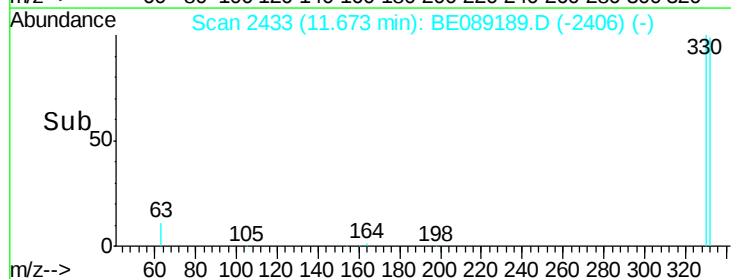
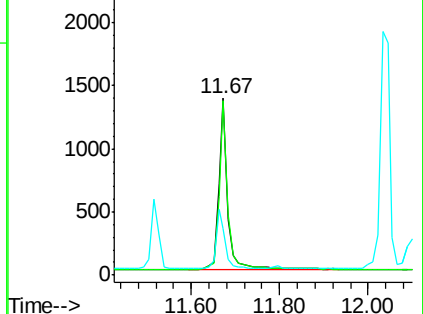
141 34.4 23.5 35.3

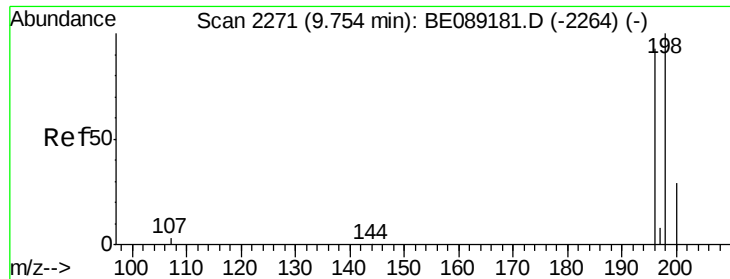


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

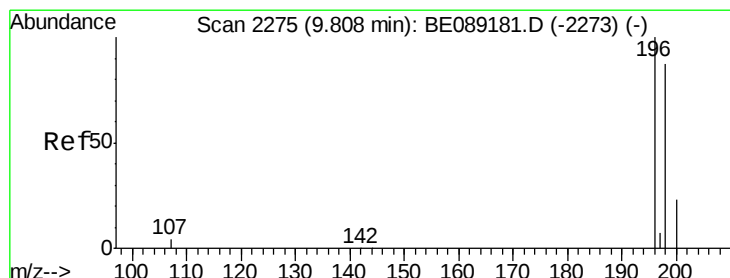
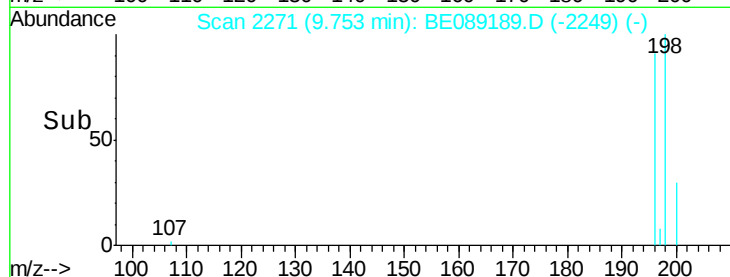
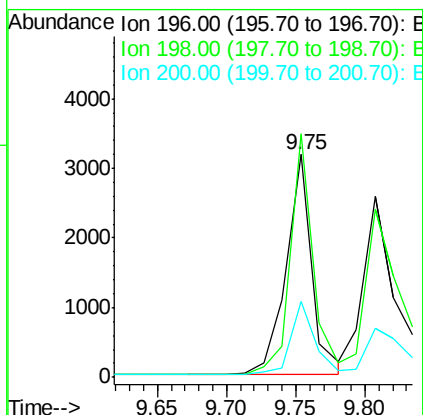
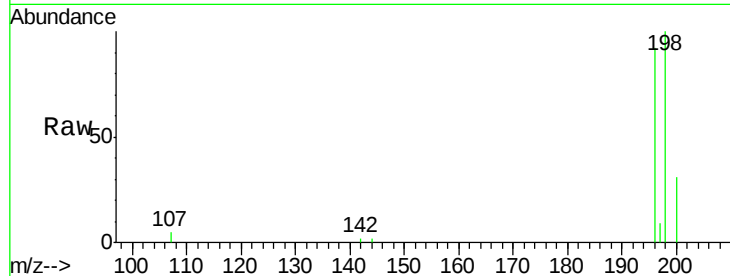




#15
2,4,6-Trichlorophenol
Concen: 1.01 ng
RT: 9.75 min Scan# 2271
Delta R.T. -0.00 min
Lab File: BE089189.D
Acq: 9 Dec 2014 14:39

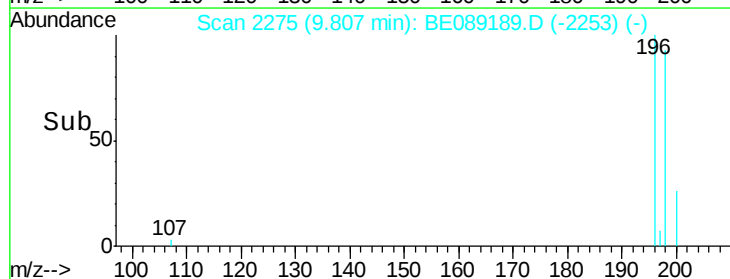
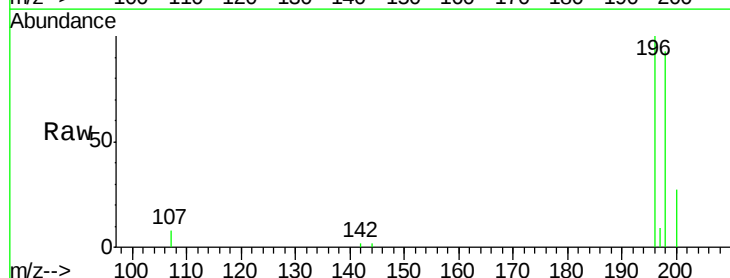
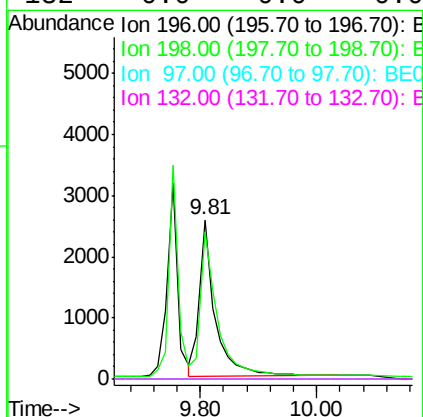
Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

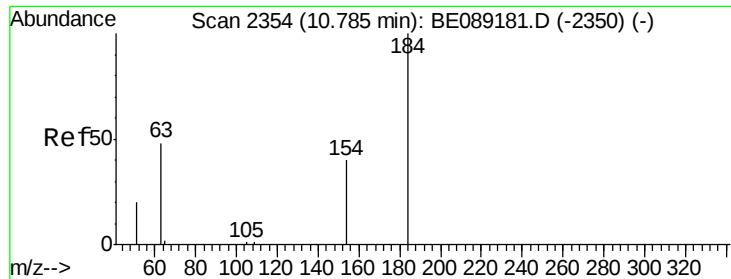
Tgt Ion:196 Resp: 4050
Ion Ratio Lower Upper
196 100
198 109.3 50.5 75.7#
200 33.8 11.5 17.3#



#16
2,4,5-Trichlorophenol
Concen: 1.03 ng
RT: 9.81 min Scan# 2275
Delta R.T. -0.00 min
Lab File: BE089189.D
Acq: 9 Dec 2014 14:39

Tgt Ion:196 Resp: 4673
Ion Ratio Lower Upper
196 100
198 92.5 56.1 84.1#
97 0.0 0.0 0.0
132 0.0 0.0 0.0

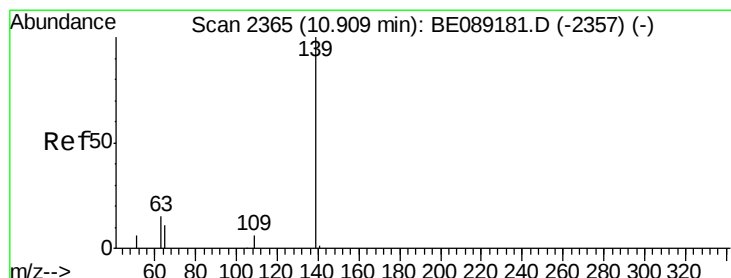
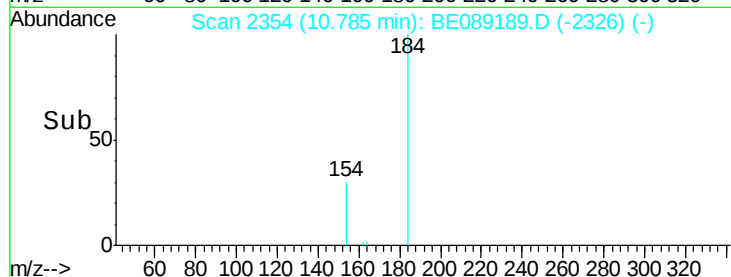
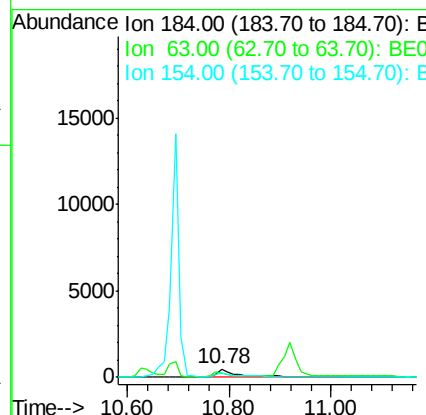
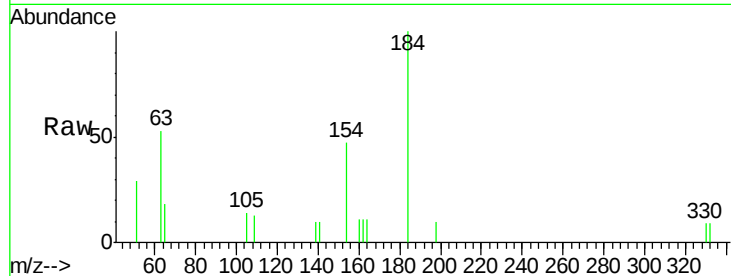




#17
2,4-Dinitrophenol
Concen: 0.90 ng
RT: 10.78 min Scan# 2354
Delta R.T. 0.01 min
Lab File: BE089189.D
Acq: 9 Dec 2014 14:39

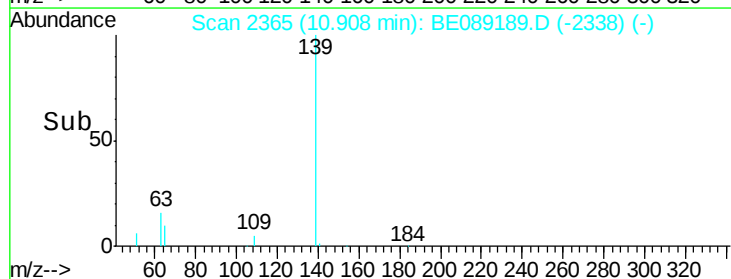
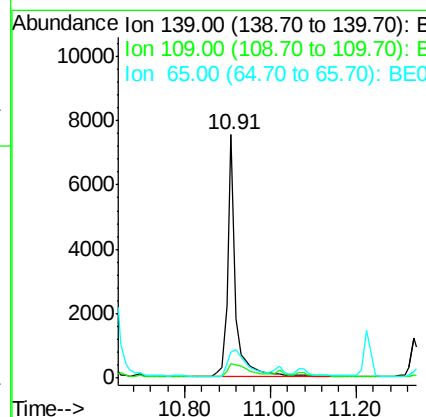
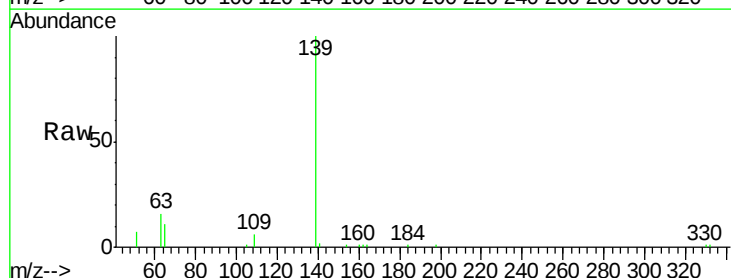
Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

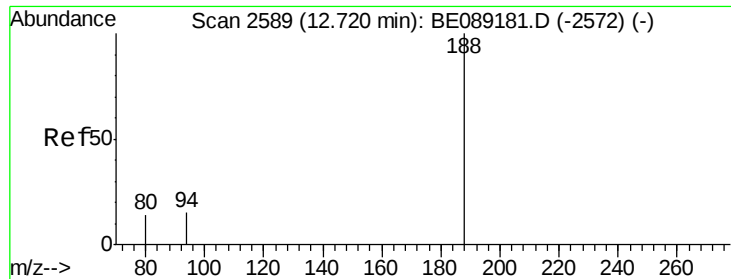
Tgt Ion:184 Resp: 965
Ion Ratio Lower Upper
184 100
63 53.5 54.0 81.0#
154 47.2 47.3 70.9#



#18
4-Nitrophenol
Concen: 1.08 ng
RT: 10.91 min Scan# 2365
Delta R.T. -0.00 min
Lab File: BE089189.D
Acq: 9 Dec 2014 14:39

Tgt Ion:139 Resp: 9869
Ion Ratio Lower Upper
139 100
109 6.1 37.4 77.4#
65 10.7 52.7 92.7#





#19

Phenanthrene-d10

Concen: 5.00 ng

RT: 12.72 min Scan# 2588

Delta R.T. -0.00 min

Lab File: BE089189.D

Acq: 9 Dec 2014 14:39

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001

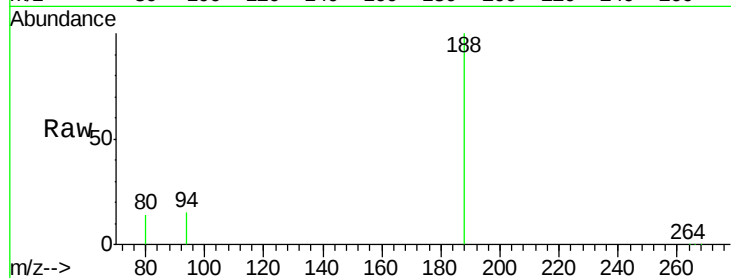
Tgt Ion:188 Resp: 86095

Ion Ratio Lower Upper

188 100

94 15.1 12.7 19.1

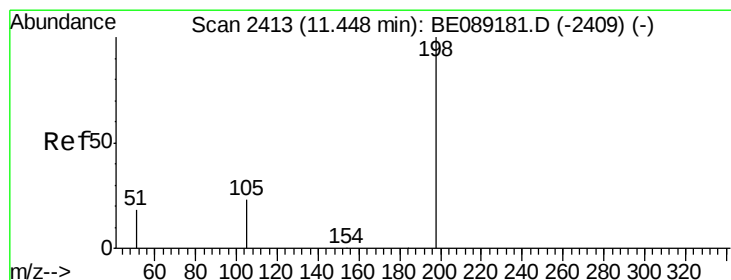
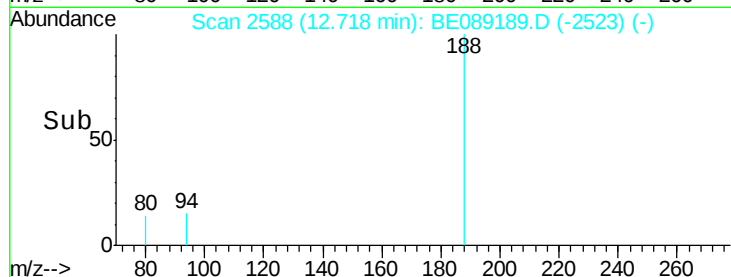
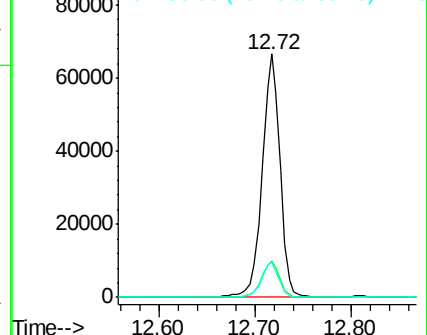
80 14.2 11.9 17.9



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0



#20

4,6-Dinitro-2-methylphenol

Concen: 0.94 ng

RT: 11.45 min Scan# 2413

Delta R.T. -0.00 min

Lab File: BE089189.D

Acq: 9 Dec 2014 14:39

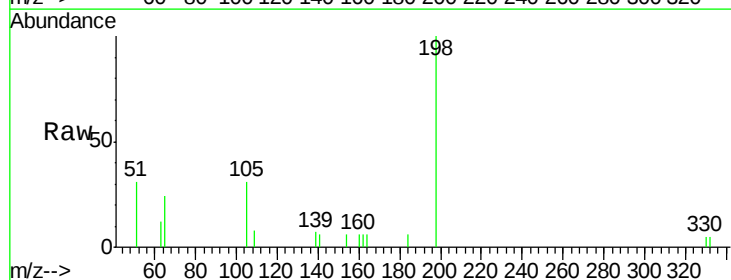
Tgt Ion:198 Resp: 1509

Ion Ratio Lower Upper

198 100

51 30.7 11.2 51.2

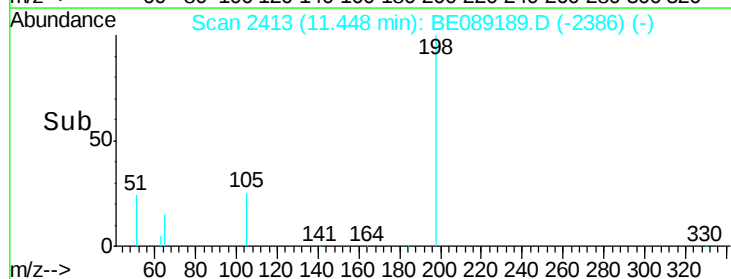
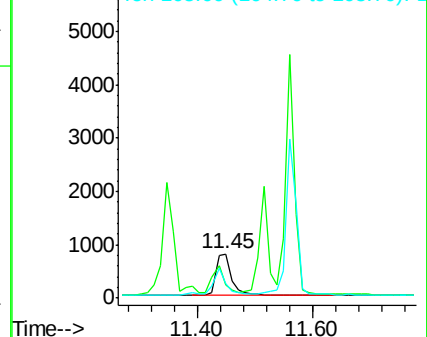
105 31.2 4.3 44.3

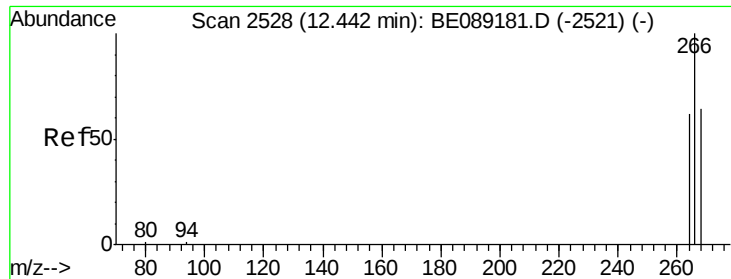


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BE0

Ion 105.00 (104.70 to 105.70): E

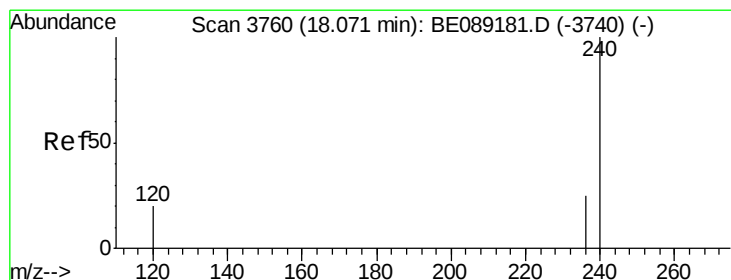
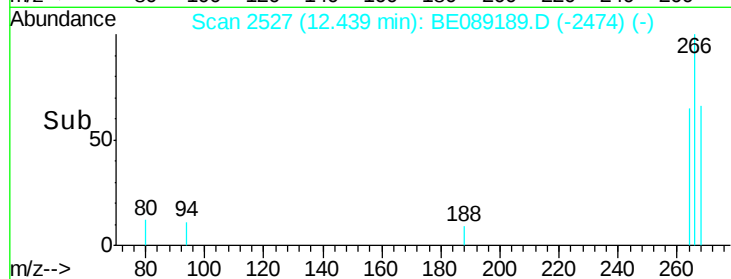
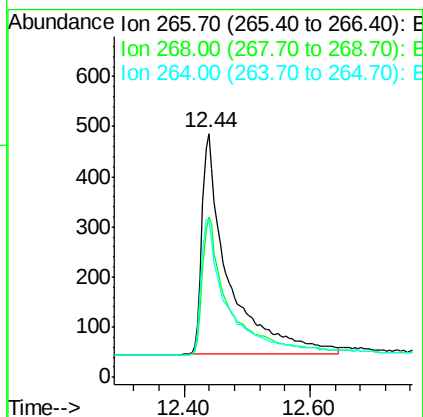
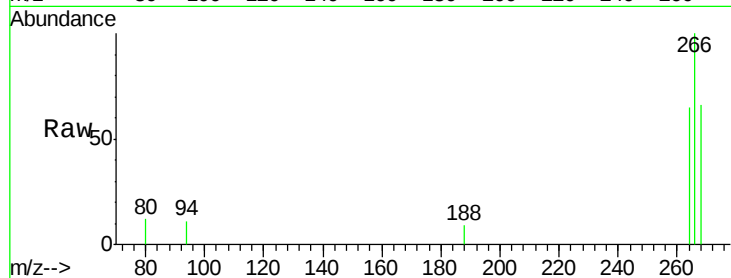




#21
 Pentachlorophenol
 Concen: 0.96 ng
 RT: 12.44 min Scan# 2527
 Delta R.T. 0.00 min
 Lab File: BE089189.D
 Acq: 9 Dec 2014 14:39

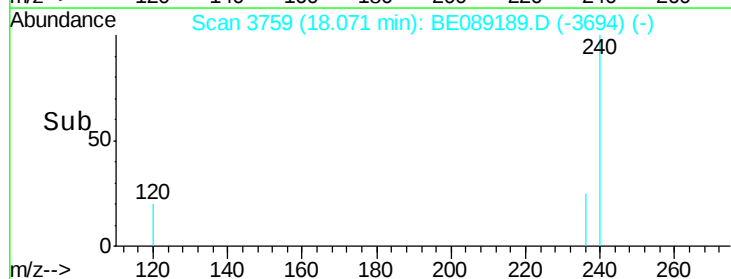
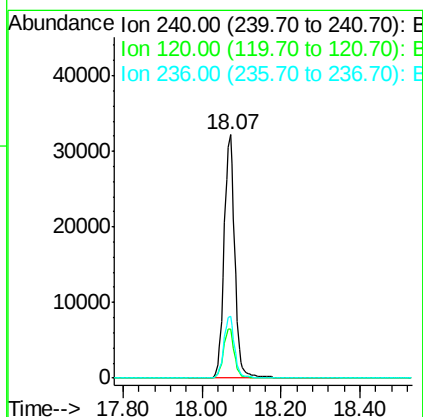
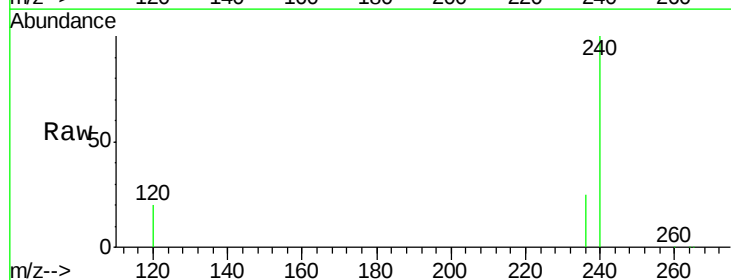
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC001

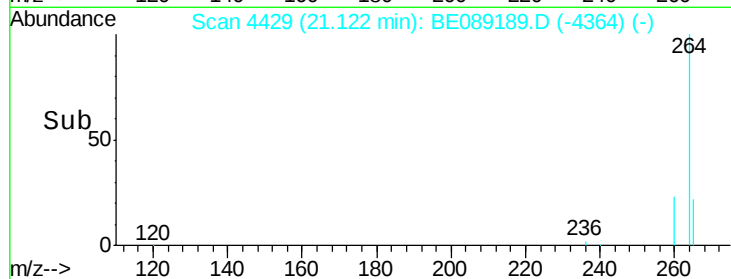
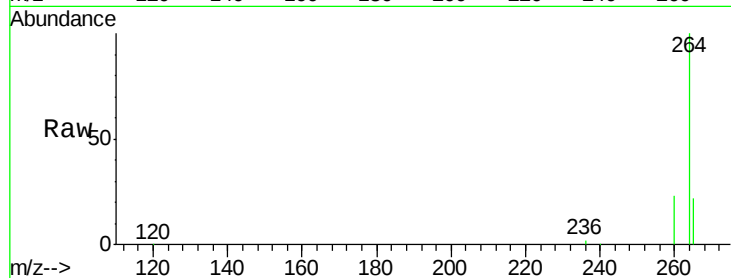
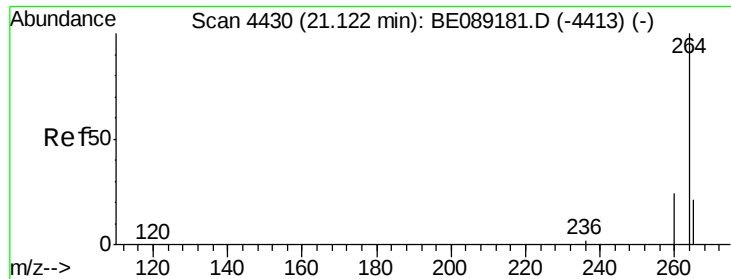
Tgt Ion: 266 Resp: 1272
 Ion Ratio Lower Upper
 266 100
 268 65.6 52.8 79.2
 264 64.8 50.6 75.8



#22
 Chrysene-d12
 Concen: 5.00 ng
 RT: 18.07 min Scan# 3759
 Delta R.T. -0.00 min
 Lab File: BE089189.D
 Acq: 9 Dec 2014 14:39

Tgt Ion: 240 Resp: 60401
 Ion Ratio Lower Upper
 240 100
 120 20.2 17.0 25.6
 236 25.3 20.2 30.4





#23

Perylene-d12

Concen: 5.00 ng

RT: 21.12 min Scan# 4429

Delta R.T. -0.00 min

Lab File: BE089189.D

Acq: 9 Dec 2014 14:39

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001

Tgt Ion: 264 Resp: 54209

Ion Ratio Lower Upper

264 100

260 23.4 18.9 28.3

265 22.0 17.4 26.0

